

CLAIMS

Amend the claims as follows.

1. (Currently amended) A scan device, ~~suitable~~ for scanning a document, comprising:

~~a scan chassis, wherein the scan chassis comprises at least one light source module, and the light source module comprises a lamp holder and a plurality of lamps, wherein each of the plurality of lamps are disposed inside the lamp holder, and each of the lamps can are initially configured to provide a light with at least a predetermined brightness that is sufficient to scan the document;~~

~~a random selecting device, electrically coupled to the scan chassis, and used configured to randomly select and turn on a first lamp one of the plurality of lamps in the scan chassis; and~~

~~a brightness judging device configured to compare a brightness level of the light provided by the first lamp with the predetermined brightness, wherein if the brightness level of the light is less than the predetermined brightness the random selecting device is configured to turn off the first lamp and turn on a second lamp of the plurality of lamps electrically coupled to the scan chassis; and~~

~~a chart, disposed above the scan chassis.~~

2 - 4. Cancelled.

5. (Currently amended) A scan device, ~~suitable~~ for scanning a document, comprising:

~~a plurality of light source modules, wherein each of the plurality of light source modules comprises a lamp holder and a lamp, the plurality of lamps are disposed inside the plurality of lamp holders respectively, and each of the lamps can are initially configured to provide a light with a predetermined brightness to suitable for scanning the document;~~

~~a random selecting device, electrically coupled to the scan chassis, and used to randomly select and turn on one~~ means for selecting a first light source module of the plurality of light source modules ~~lamps in the scan chassis;~~

~~a brightness judging device, electrically coupled to the scan chassis; and~~

~~a chart, disposed above the scan chassis~~

means for turning on the first light source module to determine a first brightness level;

means for comparing the first brightness level with the predetermined brightness;

means for scanning the document using the light from the first light source module if the first brightness level is greater than the predetermined brightness;

means for selecting a second light source module of the plurality of light source modules;

and

means for turning on the second light source module if the first brightness level is less than the predetermined brightness.

6 – 8. Cancelled

9. (Currently amended) A method for enhancing a life of a scan device, comprising:
providing a scan chassis, wherein the scan chassis comprises a plurality of lamps
including a first lamp and a second lamp, a reflection mirror set, an optical lens set, and an image capturing device, and wherein each of the lamps can provide a light with a predetermined brightness to a document; ~~and~~

randomly selecting and turning on the first lamp ~~one of the plurality of~~ lamps;

scanning a chart so as to obtain a first scanning result; and

determining whether the brightness of the first scanning result is higher than a predetermined value or not, if it is, starting the scanning, and if the brightness of the scanning result is lower than the predetermined value, turning off the first lamp and turning on the second lamp.

10. Cancelled

11. (Currently amended) The method ~~for enhancing the life of the scan device~~ of claim ~~10~~ 28, further comprising:

~~turning on the first lamp;~~

~~scanning a test chart to determine a second brightness value associated with the second light source so as to obtain a first scanning result; and~~

~~comparing the second brightness value with the predetermined brightness value prior to scanning the document~~

~~determining whether the brightness of the first scanning result is higher than a predetermined value or not, if it is, starting the scanning, and if the brightness of the scanning result is lower than the predetermined value, turning off the first lamp and turning on the second lamp.~~

12. (Currently amended) The method ~~for enhancing the life of the scan device~~ of claim ~~28~~ 11, wherein ~~after turning on the second lamp~~, further comprising ~~comprises~~:

comparing a second brightness value associated with the second light source with the predetermined brightness value;

identifying that the second brightness value is less than the predetermined brightness value ~~scanning the chart so as to obtain a second scanning result; and~~

~~determining whether the brightness of the second scanning result is higher than the predetermined value or not, if it is, starting the scanning, and if the brightness of the scanning result is lower than the predetermined value, turning on the first light source lamp and the second light source lamp simultaneously, wherein a combined brightness level associated with the first and second light source is greater than the predetermined brightness value.~~

13. (Currently amended) The method ~~for enhancing the life of the scan device~~ of claim ~~12~~, wherein ~~after turning on the first lamp and the second lamp simultaneously~~, further ~~comprises~~ comprising:

scanning the a test chart to obtain the combined brightness value so as to obtaining a third scanning result; and

determining whether the brightness of the combined brightness value ~~third scanning result~~ is higher than the predetermined value prior to scanning the document ~~or not, if it is,~~ starting the scanning, and if the brightness of the scanning result is lower than the predetermined value, ~~notifying the user to replace the lamps.~~

14. Cancelled

15. Cancelled

16. (Currently amended) The method for enhancing the life of the scan device of claim ~~14~~ 9, further comprising:

scanning the chart so as to obtain a second scanning result; and
determining whether the brightness of the second scanning result is higher than the predetermined value, and if the brightness of the second scanning result is lower than the predetermined value, turning on the first lamp wherein ~~when all the lamps are selected and the brightness of the scanning result obtained by using the lamps to scan are all lower than the predetermined value,~~ all the lamps are turned on simultaneously to scan the document.

17. Cancelled.

18. (New) The scan device of claim 1, wherein the first and second lamps are turned on prior to scanning the document.

19. (New) The scan device of claim 1, wherein the brightness judging device comprises a scanning chart configured to reflect the light provided by the first lamp, to compare a brightness level of the light with the predetermined brightness prior to scanning the document.

20. (New) The scan device of claim 1, wherein the brightness judging device is further configured to compare a brightness level of the light provided by the second lamp with the predetermined brightness, and wherein if the brightness level of the light provided by the

second lamp is less than the predetermined brightness the random selecting device is configured to simultaneously turn on both the first lamp and the second lamp.

21. (New) The scan device of claim 20, wherein the brightness judging device is further configured to compare a brightness level of the combined light provided by the first and second lamps with the predetermined brightness, and wherein if the brightness level of the combined light provided is less than the predetermined brightness the scan device provides a notification to replace one or more of the plurality of lamps.

22. (New) The scan device of claim 5, further comprising:
means for turning off the first light source module, wherein the second light source module is turned on after the first light source module is turned off.

23. (New) The scan device of claim 22, further comprising:
means for determining a second brightness level associated with the second light source module;
means for comparing the second brightness level with the predetermined brightness; and
means for scanning the document using the light from the second light source module if the second brightness level is greater than the predetermined brightness.

24. (New) The scan device of claim 5, wherein the first and second light source modules are turned on simultaneously.

25. (New) The scan device of claim 24, further comprising:
means for determining a combined brightness level associated with both the first and second light source modules;
means for comparing the combined brightness level with the predetermined brightness;
and
means for combining light from both the first and second light source modules to scan the document if the combined brightness level is greater than the predetermined brightness.

26. (New) The scan device of claim 5, wherein the means for selecting the first and second light source modules includes a random selection of the plurality of light source modules.

27. (New) The method for enhancing the life of the scan device of claim 9, further comprising:

turning off the first lamp prior to turning on the second lamp; and
scanning the document using light from the second lamp, wherein the first lamp remains turned off during the scanning of the document.

28. (New) A method comprising:
turning on a first light source of a scanner to determine a first brightness value;
comparing the first brightness value with a predetermined brightness value associated with scanning a document;
determining that the first brightness value is less than the predetermined brightness value;
turning off the first light source prior to scanning the document;
turning on a second light source module, wherein the second light source is configured to illuminate the document; and
scanning the document.

29. (New) The method of claim 28 further comprising:
providing a notification that the first light source failed to provide sufficient light to scan the document.

30. (New) The method of claim 28 wherein the document is scanned using light from only the second light source.